

NOW, A FLEXIBLE DISK THAT CAN WARN YOU OF IMPENDING FAILURES BEFORE THEY HAPPEN.



Introducing the next generation flexible disk with important data security features you can't get anywhere else. New, Omni Intelligent Disks with their patented environmental sensors are smart enough to warn of common failures. They're certified error-free at the highest levels in the industry, and

they're backed by a lifetime guaranty.

Why risk less protection? Intelligent Disks don't cost more, but they give you a lot more for your money.

Call toll-free (800 343-7620) for your nearest dealer. In Mass., call 617 865-4451. Omni Resources Corporation, 50 Howe Avenue, Millbury, MA 01527.



OMNI
intelligent disks™

OMNI | Critically certified flexible disks



Omni flexible disks

Omni disks go to extraordinary lengths to assure the reliability of your data.

Each is critically certified error-free at a minimum of twice the error threshold of your system. Each is tested over the entire useable disk surface — not just the center of each track. Even our single-density disks are tested at double-density levels. And virtually every disk is rated for 12 million passes without disk-related errors or significant wear.

Omni disks test at higher levels because they are built to higher standards. The following explains key considerations in their construction and why you can count on them for long-life, trouble-free operation.

• The premium-grade magnetic oxide is specifically formulated for low modulation and to preserve higher signal quality through long use.

- The recording surface is burnished to a glass smooth finish for precise head-to-disk contact. Calendar smoothing used on many disks is inherently rougher, resulting in accelerated head wear and premature disk failure.
- The disks are overcoated with a proprietary shield to protect the magnetic coating from head abrasion.
- They are also lubricated internally and externally to extend disk life and the life of your expensive recording heads.
- Reinforced hub rings* protect the magnetic surface and eliminate errors caused by drive/media misalignment.
- The plastic support jacket protects the disk from external damage and contamination. Stress relief notches prevent creasing — a major source of disk damage.
- The liner is self-cleaning and designed to remove even microscopic debris before it can damage the disk surface.



Specifications

Compatibility

Available for all 5 1/4" and 8" drives

- Single-sided, double-sided and reversible
- Single, double and quad-density
- Special formats

Capacity

Hardware dependent. Consistent with all industry media.

Disk

Polyethylene Teraphthalate base material with Acicular Gamma Ferric Oxide coating in a Thermo set matrix.

Jacket

Polyvinyl Chloride Copolymer with non-woven, non-shedding cloth liner. All corners square.

8" x 8" ($\pm .015"$) or 5.250" x 5.250" ($\pm .015"$) x .065" - .078" thick.

Sleeve

Tyvec

Certification

Disk are individually certified 100% error-free at 40% (standard) or 50% (high) clipping levels to meet and/or exceed all known standards as established by ANSI, ECMA, ISO and drive manufacturers.

Testing

Tests include recording amplitude, resolution, modulation, overwrite, signal quality, missing bit, extra bit, running torque, starting torque, single-track wear and abrasivity.

Environmental

Shipping temperature: -40° - 125°F
Operating temperature: 50° - 125°F
Relative humidity: 8% - 80%
(max. wet bulb: 85°F)

Packaging

- Industry standard folded paper box
- Rugged plastic library case for maximum protection from crushing, dirt, moisture and/or temperature extremes
- Bulk packaging

Special Services

Private labeling, special formatting, duplication and other services available.

Detailed product specifications are available on request.

Flip/Floppy reversible disks

If you have a single-sided disk drive, you can double each disk's storage capacity by switching to Omni's Flip/Floppy. It works just like your present disks, except you can flip it over and record on the reverse side. So you can consolidate long programs and data files that used to require two disks. And save money because a Flip/Floppy is much less expensive than two conventional disks with equivalent capacity.

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* Hub rings are standard unless restricted by drive manufacturer specification.

OEM/DISTRIBUTOR PRICING

	SS/ SD 5111	SS/ DD 5121	DS/ DD 5221	FLIP FLOPPY 5321	SS/ 96TP1 5141	DS/ 96TP1 5241
LEVEL A						
<u>1.000/MONTH-12,000/YEAR</u>						
OMNI PACKAGING	1.48	1.61	2.09	2.17	2.17	2.83
BULK PACKAGING	1.38	1.51	1.99	2.07	2.07	2.73
PLAIN PACKAGING	1.43	1.56	2.04	2.12	2.12	2.78
CUSTOM PACKAGING	1.83	1.96	2.44	2.52	2.52	3.18
DUPLICATION PER DISK	.45	.45	.80	.80	.45	.80
LEVEL B						
<u>2.500/MONTH-30,000/YEAR</u>						
OMNI PACKAGING	1.41	1.54	1.99	2.07	2.07	2.70
BULK PACKAGING	1.31	1.44	1.89	1.97	1.97	2.60
PLAIN PACKAGING	1.36	1.49	1.94	2.02	2.02	2.65
CUSTOM PACKAGING	1.61	1.74	2.19	2.27	2.27	2.90
DUPLICATION PER DISK	.40	.40	.75	.75	.40	.75
LEVEL C						
<u>5.000/MONTH-60,000/YEAR</u>						
OMNI PACKAGING	1.36	1.48	1.92	2.00	2.00	2.60
BULK PACKAGING	1.26	1.38	1.82	1.90	1.90	2.50
PLAIN PACKAGING	1.31	1.43	1.87	1.95	1.95	2.55
CUSTOM PACKAGING	1.46	1.58	2.02	2.10	2.10	2.70
DUPLICATION PER DISK	.40	.40	.75	.75	.40	.75
LEVEL D						
<u>10.000/MONTH-120,000/YEAR</u>						
OMNI PACKAGING	1.31	1.42	1.85	1.92	1.92	2.50
BULK PACKAGING	1.21	1.32	1.75	1.82	1.82	2.40
PLAIN PACKAGING	1.26	1.37	1.80	1.87	1.87	2.45
CUSTOM PACKAGING	1.36	1.47	1.90	1.97	1.97	2.55
DUPLICATION PER DISK	.35	.35	.65	.65	.35	.65
LEVEL E						
<u>20.000/MONTH-240,000/YEAR</u>						
OMNI PACKAGING	1.26	1.37	1.78	1.85	1.85	2.41
BULK PACKAGING	1.16	1.27	1.68	1.75	1.75	2.31
PLAIN PACKAGING	1.21	1.32	1.73	1.80	1.80	2.36
CUSTOM PACKAGING	1.26	1.37	1.78	1.85	1.85	2.41
DUPLICATION PER DISK	.32	.32	.60	.60	.35	.65
LEVEL F						
<u>40.000/MONTH-480,000/YEAR</u>						
OMNI PACKAGING	1.21	1.31	1.70	1.78	1.78	2.32
BULK PACKAGING	1.11	1.21	1.60	1.68	1.68	2.22
PLAIN PACKAGING	1.16	1.26	1.65	1.73	1.73	2.27
CUSTOM PACKAGING	1.21	1.31	1.70	1.78	1.78	2.32
DUPLICATION PER DISK	.30	.30	.55	.55	.30	.55